

SECTION 2. PROCEDURES

1. PREREQUISITES AND COORDINATION REQUIREMENTS.

A. Prerequisites. This task requires knowledge of regulatory requirements in Title 14 of the Code of Federal Regulations (14 CFR) parts 91 and 105, and Federal Aviation Administration (FAA) policies and qualification as an aviation safety inspector (operations).

(1) The inspector-in-charge (IIC) of surveillance must have completed OJT and participated in the issuance of a certificate of waiver or authorization and the surveillance of three aviation events with a senior inspector.

(2) For aviation events where a military jet aerobatic demonstration team will perform, the inspector must have satisfactorily completed OJT in the issuance of the waiver or authorization (including the site feasibility study and the pre-season evaluation meeting) and surveillance of an airshow in which a North American military jet aerobatic team performed.

B. Coordination. This task requires coordination with the airworthiness unit and air traffic.

2. REFERENCES, FORMS, AND JOB AIDS.

A. References.

- 14 CFR parts 1, 61, 91, 103, 105, and 125
- Advisory Circular (AC) 91-45, Waivers: Aviation Events (current edition)
- AC 103-7, The Ultralight Vehicle
- AC 105-2, Sport Parachute Jumping (current edition)
- AC 125-1, Operations of Large Airplanes Subject to Federal Aviation Regulations Part 125
- Order 8700.1, chapter 49, Issue a Certificate of Waiver or Authorization for an Aviation Event

B. Forms.

- FAA Form 7711-1, Certificate of Waiver or Authorization
- FAA Form 7711-2, Certificate of Waiver or Authorization Application
- FAA Form 8000-36, PTRS Transmittal Form

C. Job Aids.

- Sample letters and figures

3. PROCEDURES.

A. IIC Pre-Surveillance Activities.

(1) Review FAA Form 7711-1. Become familiar with the General and Special Provisions, the Schedule of Events, and the regulations that were waived. For balloon competitions, review the event manual.

(2) Assemble at least the following information to bring along on surveillance:

(a) FAA Form 7711-1 issued for this aviation event.

(b) Information and documents for accident or incident investigation.

(c) Appropriate sections of the regulations.

(d) Any other equipment or information considered necessary.

(3) Determine the equipment required to conduct the surveillance; for example, VHF radio, FM radio, camera, etc.

(4) If an FAA team is assigned for surveillance, brief each inspector on his/her duties and responsibilities. Emphasize that all contacts with the sponsor, problems with performers, etc., must be coordinated with the IIC.

(5) No sooner than 48 hours before the event, contact the appropriate Flight Service Station to ensure that a NOTAM, if required by the Certificate of Waiver or Authorization, has been issued.

B. PTRS. Open PTRS file.

C. FAA Introduction. At the site of the aviation event, introduce all members of the FAA team to the holder of the waiver or authorization, his/her representatives, and other key personnel.

D. Preshow Briefing. Attend and observe (all FAA surveillance personnel) the preshow briefing (see Figure 50-3).

(1) Ensure that all performers sign the waiver or authorization on the sign-in sheet, attesting that they will comply with all the provisions of the waiver or authorization. (North American military team leaders/representatives may sign for the entire team.) (See Figure 50-5.)

(2) If performers list credentials and aircraft information on a sign-in sheet, spot-check a sampling for accuracy, as required. Obtain the original copy of the sign-in sheet for the file.

NOTE: To facilitate the gathering of information, the event sponsor may send a copy of the sign-in sheet to performers in advance of the event.

E. Inspect Airman Certificates. As a minimum, ensure that the participating pilots have in their possession:

(1) A valid Pilot Certificate, except operators of ultralight vehicles.

(2) If required, a valid letter of authorization in lieu of type rating.

(3) A current medical certificate, except glider and balloon pilots and operators of ultralight vehicles.

(4) A current Statement of Acrobatic Competency, as required (see Figure 50-4).

(5) A valid letter of authorization to conduct maneuvers at the crowd, if required.

(6) Formation flying credentials, as required.

NOTE: Possession of such credentials does not require being carried on the persons during the performance.

F. Parachutist Qualifications. If last minute substitutions are made to the list of qualified parachutists provided in the application for the authorization, check the parachutists' qualifications.

G. Inspect Participating Aircraft. (See section 1, paragraph 4C(2)(i)). Inspect the following:

(1) The aircraft's general condition.

(2) The aircraft airworthiness and registration certificates.

(3) The operating limitations associated with Special Airworthiness Certificates.

(4) The Operating Certificate or Letter of Deviation Authority for large aircraft used in sport parachuting.

(5) The modifications to aircraft that accommodate sport parachutists and documentation of field approval by the FAA, or an STC.

(6) Emergency parachute repack date, if installed within the previous 120 days (§ 91.307).

H. Inspect Parachutists' Equipment. Inspect parachutists' equipment for the following:

(1) Determine if the main parachute has been packed, usually by the jumper, within the previous 120 days (§ 105.43(a)).

(2) Determine that the auxiliary parachute was packed and sealed by a certificated and appropriately rated rigger (§ 105.43(b) and 14 CFR part 65, subpart F).

(3) Determine that the equipment has been manufactured under a type certificate or technical standard order or is a personnel-carrying military parachute (§ 91.307(e)).

I. Balloon Competitions.

(1) Determine that the designated spectator area for balloon events is maintained at a minimum of a 200-foot radius away from the designated or declared goal or target.

(2) Ensure that the sponsor can keep the target area clear of all except designated event personnel.

(3) Ensure all required participants attend pre-event briefing.

J. Ensure Compliance with Terms of Waiver or Authorization. Inspect the event site for compliance with the special provisions of the waiver or authorization.

(1) Include, but do not limit the inspection to, the showline, physical barriers, policing of the spectator area(s), and areas where any aircraft operate.

(2) Inspect the control point.

(3) Ensure communications capability with participating aircraft, security, emergency equipment, and a public address system for spectators. Also ensure that inspectors have continuous access to the control point.

(4) If a discrepancy is noted, immediately bring it to the attention of the holder of the Certificate of Waiver or Authorization or their designated representative.

K. Observe Aviation Event. Ensure that all provisions of the waiver or authorization and special provisions are adhered to in all cases.

(1) If a minor problem is noted, discuss the problem with the appropriate individual during the debriefing. For example:

(a) Personnel for policing were inadequate to keep spectators from intruding too close to the showline. Spectators were immediately escorted from the area, and more security personnel were assigned to the area.